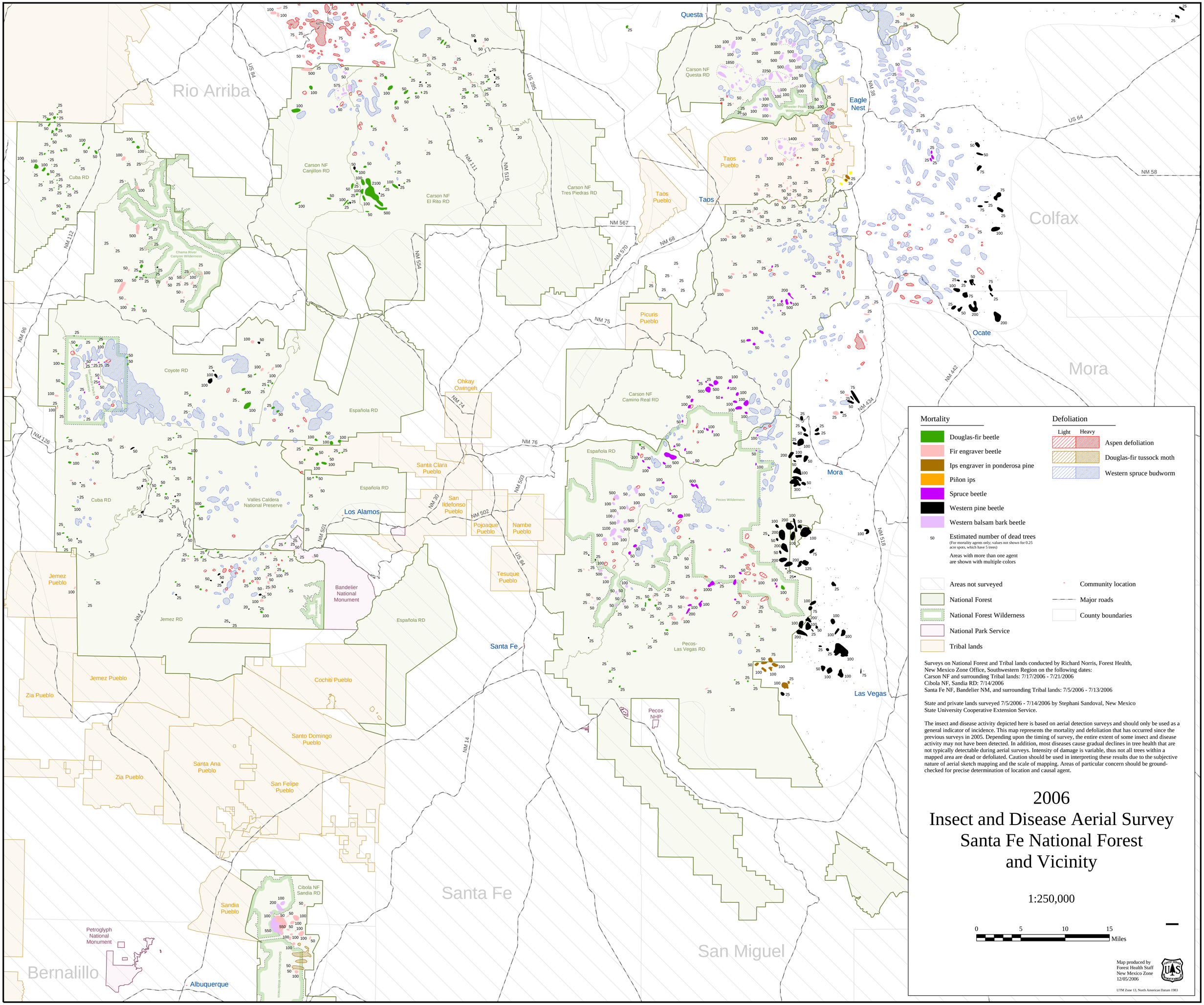

Mortality

- Douglas-fir beetle
- Fir engraver beetle
- Ips engraver in ponderosa pine
- Piñon ips
- Spruce beetle
- Western pine beetle
- Western balsam bark beetle
- 50 — Estimated number of dead trees
  (For mortality agents only; values not shown for 0.25 acre spots, which have 5 trees)
- Areas with more than one agent are shown with multiple colors

Defoliation

Light	Heavy	
		Aspen defoliation
		Douglas-fir tussock moth
		Western spruce budworm

- Areas not surveyed
- National Forest
- National Forest Wilderness
- National Park Service
- Tribal lands
- Community location
- Major roads
- County boundaries

Surveys on National Forest and Tribal lands conducted by Richard Norris, Forest Health, New Mexico Zone Office, Southwestern Region on the following dates:
Carson NF and surrounding Tribal lands: 7/17/2006 - 7/21/2006
Cibola NF, Sandia RD: 7/14/2006
Santa Fe NF, Bandelier NM, and surrounding Tribal lands: 7/5/2006 - 7/13/2006

State and private lands surveyed 7/5/2006 - 7/14/2006 by Stephani Sandoval, New Mexico State University Cooperative Extension Service.

The insect and disease activity depicted here is based on aerial detection surveys and should only be used as a general indicator of incidence. This map represents the mortality and defoliation that has occurred since the previous surveys in 2005. Depending upon the timing of survey, the entire extent of some insect and disease activity may not have been detected. In addition, most diseases cause gradual declines in tree health that are not typically detectable during aerial surveys. Intensity of damage is variable, thus not all trees within a mapped area are dead or defoliated. Caution should be used in interpreting these results due to the subjective nature of aerial sketch mapping and the scale of mapping. Areas of particular concern should be ground-checked for precise determination of location and causal agent.

2006
Insect and Disease Aerial Survey
Santa Fe National Forest and Vicinity

1:250,000

0 5 10 15 Miles

Map produced by
Forest Health Staff
New Mexico Zone
12/05/2006

UTM Zone 13, North American Datum 1983